

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD

Date: 12.05.25 Job No.: ADR Yes/No: N ADR Date: ECN #: 12- 587
 Product No.: D412-702 Created By: RP Approved By: *[Signature]*
 Product Name: Shoulder Harness Checked By: *[Signature]*

Distribution	Reqd	Resp	Initial / Date	Distribution	Reqd	Resp	Initial / Date
Production Manager / Coord.	Y	LL		DQA / QA Coord.	N		
Purchasing Coord.	Y	CL		QC Coordinator	N		
Production Engineering Coord.	Y	JL		Customer Technical Support	N		
				Marketing	N		
				Customer Order Processing	N		

Reason for Change: Lap Belts too short. Lap Belt Adjuster in wrong orientation. Shoulder Strap Adjusters positioned too high.

Documents Affected:

DSC-D4305 Rev. B

PARTS MUST COMPLY



PREVIOUS PARTS SATISFACTORY



#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	N			
5	Update Master Document List (MDL)	N			
6	Update Product Compatability Matrix	N			
7	Create Eurocopter Form (FEE)	N			
8	Notify TC / FAA of Change	N			
9					

#	Document Control Actions	Reqd	Resp	Notes	Complete
10	Move Electronic Files/Design Journal	Y	KJ		12.05.28 <i>[Signature]</i>
11	Update Product Specification Files	N			
12	Update Approved/Preliminary Dwg PDF Files	Y	KJ		12.05.28 <i>[Signature]</i>
13	Update Document Record (DR)	N			
14	Update Product Development Summary	N			
15	Update QSI 021 and/or STC Approval List	N			
16	Update Parts / STC Database	Y			
17	Update / Verify ARC Database	Y			
18	Create / Update Change Record Form / Item Card Database	Y	KJ		12.05.28 <i>[Signature]</i>
19	Create / Update PPP's	Y	KJ		
20	Red Decals required?	Y	KJ		
21	Update Document Control Database / Laminated Dwgs	N			
22	Update Grey Project / Electronic Binder PDF Files	N			
23	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		12.05.28 <i>[Signature]</i>
24					

Description / Action:

AmSafe to produce qty 3 D4305-1 Lap Belts and qty 3 D4305-3 Lap Belts.
 Parts to be inspected per D4305 Rev B and shipped to Hillcrest.

AmSafe to produce one complete harness assembly to be sent to Eagle for review.

MDL and any other related documents to be updated and released at a later date via ECN12-595

All DSC-D4305 in stock to be shipped back to AmSafe for rework.

D412-702-071 now @ CHG002

ECN Verified & Complete: _____

Date: _____

Linda Lacelle

From: Sian Willems <swillems@dartaero.com>
Sent: June-26-12 3:04 PM
To: 'Linda Lacelle'; 'Bill Beckett'
Cc: 'David Shepherd'; 'Mike Petsche'; 'Roger Pilon'
Subject: RE: old crew shoulder harnesses.

Hi Linda,

Rewebbing will cost us about \$380 per seating position.

I would suggest we hold onto old stock but put it in quarantine until we have new stock once the D4305 dwg is released. In a pinch we could provide these to any customers who can't wait for the new design belts to come it. Does that make sense?

Thanks,

Sian Willems

Customer Support
T: 1-613-632-5200 ext 239
F: 1-613-632-5246
C: 1-613-676-0577
swillems@dartaero.com



Product Documentation: Verify Revision Status/Download [HERE](#)

From: Linda Lacelle [<mailto:llacelle@dartaero.com>]
Sent: June 26, 2012 1:14 PM
To: 'Sian Willems'; 'Bill Beckett'
Cc: 'David Shepherd'; 'Mike Petsche'; 'Roger Pilon'
Subject: RE: old crew shoulder harnesses.

Still holding on to this ECN 12-587...do we have the existing stock reworked or not pls?

LL

From: Sian Willems [<mailto:swillems@dartaero.com>]
Sent: May-28-12 9:16 AM
To: 'Bill Beckett'
Cc: llacelle@dartaero.com; David Shepherd; 'Mike Petsche'; Roger Pilon
Subject: old crew shoulder harnesses.

We have We have 3 D412-702-071 crew shoulder harnesses in stock, valued at about \$1,600.

Any new belts ordered will have the longer lap belt, lap adjusters moved, longer shoulder harnesses (to ensure no tension on the belt when sitting back in the seat) and a shorter cable.

I think we should exhaust existing stock and just ensure we sell to customers without the comfort seat (or without obese pilots).

Or I can ask about the cost of rewebbing these belts (probably about \$200 per kit plus freight costs to and from).

Any objections to exhausting existing stock?

Thanks,

Sian Willems

Customer Support

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swillems@dartaero.com



Product Documentation: Verify Revision Status/Download [HERE](#)

List Lots

Page 1 of 1

June-27-12 8:39:57 AM

Criteria : Item ID: d4305-041 All Locations All Warehouses All Quantity

Item ID	Warehouse ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt	Type Code	Comments
Item Name	Location ID				Lot Code		
D4305-041	Main Warehouse	69330	2/22/12	2.0000	QC21		
Shoulder Harness Assembly	ST272A						
Total:				2.0000			

List Lots

Page 1 of 1

June-27-12 8:40:06 AM

Criteria : Item ID: d412-702-071 All Locations All Warehouses All Quantity

Item ID Item Name	Warehouse ID Location ID	Lot Number	Last Trans Date	Lot Qty	Shelf Life Dt Lot Code	Type Code	Comments
D412-702-071 Pilot/Co-pilot Shoulder Harness, 4 point	Main Warehouse FG051	77701	6/01/12	2.0000	QC21	CHG001	
Total:				2.0000			